Town Of Clarkson
Office of the Supervisor
Pre-Disaster Mitigation Plan

Appendix B – 6N

Hazard Specific Analysis: Tornado

Definition:

"Local atmospheric storm, generally of short duration, formed by winds rotating at very high speeds, usually in a counterclockwise direction. The vortex, up to several hundred yards wide, is visible to the observer as a whirlpool-like column of winds rotating about a hollow cavity or funnel. Winds have been estimated to be as high as 400 mph,"[1] and are measured in intensity by the Fujita Scale (F0-F5).

Description:

A tornado is an infrequent and generally minor occurrence within the Town Of Clarkson and Monroe County, however, the shear magnitude and the unpredictability of natural hazards warrants significant concern for this event and has received a hazard rank of 12.

Overview of specific hazard locations and the extent of the hazard:

A tornado may affect any local area of the Town Of Clarkson and would be particularly damaging in:

   ?? High population areas
   ?? Areas of highly dense, but limited sustainability construction, such as mobile home parks.

Previous occurrences of the hazard:

Specific information on recent events is pending.

Probability of future occurrences and potential magnitude:

Probability of future occurrences is unlikely. However, recent events coupled with the realization that it is the 12th ranked hazard locally should recognize tornadoes as a respectable threat.

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Maps of hazard areas:

Map is not required due to widespread geographic potential.

Analysis of the impact on business, infrastructure & critical facilities:

This event may cause:

- ?? Injury or death, generally in limited numbers, but this is dependent on the population in the path of destruction.
- ?? Damage to roads and highways, buildings and other structures.
- ?? This event may also cause power failures, transportation accidents, utility failure, or other cascade events.
- ?? This event can hamper emergency response and communications.

Specific information concerning estimated value ($) of potential loss, damage to structures, casualties, etc:

Specific information on recent events is pending.

Notes on data limitations: None